



green
GLUING

INTEGRATION KIT FANUC

Connects Robatech adhesive application systems with
FANUC collaborative robots

AUTOMATE YOUR MANUAL GLUING PROCESS

Connect our adhesive application system to a collaborative robot via the integration kit and automate your manual gluing process. The Robatech integration kit for CRX cobots by FANUC can be attached in just a few steps. It consists of a holder for the application head, brackets for the heated hose, and brackets for cable routing. The kit can be configured individually.

Simple Visualization

The most important adhesive melter data is visualized on the cobot's touch panel via Robatech's web-based user interface. You can thus view the system status of the adhesive melter and directly adjust settings for the adhesive application system.

Proven Adhesive Application Systems

Robatech's adhesive application systems are modular and can be adapted to your application. The optional automatic filling system for adhesive melters ensures operator safety and extends the adhesive refill intervals. In addition, rotary unions for heated hoses provide reliable protection against torsion.

Cobots: Collaborating Robots

They support and relieve humans in monotonous, repetitive, and yet highly precise tasks. They do not require any protective devices and are easy to program. Thanks to their size and safe application, they work hand in hand with humans. Collaborative robots work reliably with high precision and repeat accuracy.

Your Advantages

- Increases productivity through reliable adhesive application
- Increases adhesive application quality through precise and repeatable execution
- Easy programming and control of the gluing process
- Reduces error susceptibility and costs compared to manual application
- Relieves personnel and protects them from injury
- Straightforward integration using Robatech's integration kit



Integration kit for CRX cobots



Delta application head



Cobot with adhesive application system and web-based visualization

TECHNICAL DATA

FANUC

Compatibility	CRX-10iA and CRX-10iA/L
Air connection	6 bar

Adhesive application system

Adhesives	EVA, PSA, PO, PUR, POR (depending on the melter)
Form of adhesive	Granulate/blocks/cushions
Adhesive melters	All Robatech melters
Web visualization	For melters with ICS-Net or RCS only
Heated hoses	NW6 / NW8 / NW13
Application heads	AX Diamond, SX Diamond, SpeedStar Compact, and Delta*
Operating temperature	20 to 200 °C
Adhesive viscosity	100 to 5,000 mPas; depending on the application, up to 30,000 mPas possible

* others on request